


filed 3/31/09

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Substitute for form 1449A/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	
		Filing Date	
		First Named Inventor	James C. Doane, et al.
		Art Unit	
		Examiner Name	
Sheet 1 of 5	Attorney Docket Number	D5407-229	

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code* (if known)			
		US- 3,776,307	12-04-1973	Young	
		US- 4,069,573	01/24/1978	Rogers, Jr., et al.	
		US- 5,197,542	03/30/1993	Coone	
		US- 5,220,959	06/22/1993	Vance, Sr.	
		US- 5,348,095	09/20/1994	Worrall, et al.	
		US- 5,366,012	11/22/1994	Lohbeck	
		US- 5,667,011	09/16/1997	Gill, et al.	
		US- 5,720,343	02/24/1998	Kilgore, et al.	
		US- 6,098,717	08/08/2000	Bailey, et al.	
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FOREIGN PATENT DOCUMENTS					
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Examiner Signature		Date Considered	12/21/2007
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	
		Filing Date	
		First Named Inventor	James C. Doane, et al.
		Art Unit	
		Examiner Name	
Sheet 2 of 5	Attorney Docket Number	05407-229	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (Where any)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 3,272,517	09/13/1966	Howard, et al.	
		US- 3,298,440	01/17/1967	Current	
		US- 3,910,348	10/07/1975	Pitts	
		US- 4,784,226	11/15/1988	Wyatt	
		US- 6,073,692	06/13/2000	Wood, et al.	
		US- 6,213,204	04/10/2001	Doane	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² Number ³ Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁵
		WO 00/58601	10/05/2000	Baumgartner		

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	Application/Control No.	Applicant(s) James C. Doane, et al.	
	Examiner	Art Unit	3 of 5

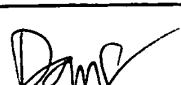
U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-4,749,035	06-1988	Cassity, Thomas G.	277/340
	B	US-3,097,696	07-1963	Orr	166/135
	C	US-6,598,678	07-2003	Simpson et al.	166/297
	D	US-4,817,716	04-1989	Taylor et al.	166/277
	E	US-5,542,473	08-1996	Pringle, Ronald E.	166/120
	F	US-2003/0047322	03-2003	Maguire et al.	166/380
	G	US-4,862,957	09-1989	Scranton, Joseph D.	166/51
	H	US-5,069,280	12-1991	McKee et al.	166/278
	I	US-6,527,049	03-2003	Metcalfe et al.	166/277
	J	US-2003/0047320	03-2003	Badrak et al.	166/380
	K	US-2,159,640	05-1939	Strom	166/122
	L	US-2,652,894	09-1953	Brown et al.	166/134
	M	US-4,832,125	05-1989	Taylor, William M.	166/348

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
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	Q					
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	Application/Control No.	Applicant(s)	
	Examiner	Art Unit	4 of 5

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-6,446,717	09-2002	White et al.	166/187
	B	US-6,325,148	12-2001	Trahan et al.	166/297
	C	US-6,513,600	02-2003	Ross, Richard	166/387
	D	US-6,591,905	07-2003	Coon	166/117.6
	E	US-2002/0014339	02-2002	Ross, Richard	166/380
	F	US-2003/0042028	03-2003	Lauritzen et al.	166/384
	G	US-2003/0062171	04-2003	Maguire et al.	166/380
	H	US-			
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Substitute for form 1449B/PTO		Complete If Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number			
		Filing Date			
		First Named Inventor	James C. Doane, et al.		
		Group Art Unit			
		Examiner Name			
Sheet	5	of	5	Attorney Docket Number	05407-229

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Cocks, G.; "Experimental Results of Work on Expanded Metal Packers from June 1980 to March 1982," LANL Memorandum ESS-4-89-88 (April 21, 1989).	
		Smith, M.C.; "Use of a Hydraulically Bulged Liner for Hydraulic Fracturing in EE-2," LANL Memorandum, ESS-DOT (Nov. 12, 1981).	
		Murphy, H. and Bennett, G.; "Simplified stress Analysis of Hydraulically Expanded Liners," LANL Memorandum ESS-4 (Nov. 23, 1981).	
		Dreesen, D.S., Cocks, G. and Malzahn, M.; "Experimental Results - Expanding Metal 6-5/8 in. OD Stainless Steel Packers Inside a 8-3/4 in. ID Steel Vessel," LANL Draft Memorandum ESS-4-89-92 (May 2, 1989).	
		Brochure from Owens Tools website, "X-Span Systems", CoreLab Downhole Solutions, 12/18/2001, 6 pages	
		Dreesen, D.S., SPE 22858, "Analytical and Experimental Evaluation of Expanded Metal Packers for Well Completion Service", 10/06/1991, pp. 413-421	

Examiner Signature		Date Considered	12/24/2002
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